10787149_CLSTITLES.txt Titles of Most Frequently Occurring Classifications of Patents Returned From A Search of 10787149 on January 27, 2006

```
370/328
                (4 OR, 1 XR)
      Class
               370 : MULTIPLEX COMMUNICATIONS
      370/310
                      COMMUNICATION OVER FREE SPACE
                      .Having a plurality of contiguous regions served by respective fixed stations
      370/328
               (3 OR, 2 XR)
455 : TELECOMMUNICATIONS
455/444
      Class
      455/403
                      RADIOTELEPHONE SYSTEM
      455/422.1
                      .Zoned or cellular telephone system
      455/436
455/444
                      .. Handoff
                      ...Between macro and micro cells
               (2 OR, 3 XR)
455 : TELECOMMUNICATIONS
455/446
      Class
      455/403
                      RADIOTELEPHONE SYSTEM
      455/422.1
                      .Zoned or cellular telephone system
      455/446
                      .. Including cell planning or layout
                (3 OR, 2 XR)
55 : TELECOMMUNICATIONS
455/562.1
      Class
               455:
      455/73
                      TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
                             TRANSCEIVER)
                      .Radiotelephone equipment detail
      455/550.1
      455/561
                      ..Base station detail
      455/562.1
                      ... Having specific antenna arrangement
455/437
                (0 \text{ or, } 4 \text{ xr})
               455 : TELECOMMUNICATIONS
      Class
                      RADIOTELEPHONE SYSTEM
      455/403
                      .Zoned or cellular telephone system ..Handoff
      455/422.1
      455/436
      455/437
                      ... Mobile assisted or initiated
455/443
               (1 OR, 3 XR)
455 : TELECOMMUNICATIONS
      Class
      455/403
                      RADIOTELEPHONE SYSTEM
                      .Zoned or cellular telephone system ..Handoff
      455/422.1
      455/436
      455/443
                      ...Overlapping cells
                (3 OR, 0 XR)
370/230
               370 : MULTIPLEX COMMUNICATIONS
      Class
      370/229
                      DATA FLOW CONGESTION PREVENTION OR CONTROL
      370/230
                      .Control of data admission to the network
                (0 \text{ OR}, 3 \text{ XR})
370/468
               370 : MULTIPLEX COMMUNICATIONS
      Class
      370/464
                      COMMUNICATION TECHNIQUES FOR INFORMATION
                            CARRIED IN PLURAL CHANNELS
      370/465
                      .Adaptive
      370/468
                      .. Assignment of variable bandwidth or time
                         period for transmission or reception
               (2 OR, 1 XR)
455 : TELECOMMUNICATIONS
455/422.1
      Class
      455/403
                      RADIOTELEPHONE SYSTEM
      455/422.1
                      .Zoned or cellular telephone system
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10787149_CLSTITLES.txt
                   (0 OR, 3 XR)
55 : TELECOMMUNICATIONS
3
  455/439
         class
                  455 :
         455/403
                         RADIOTELEPHONE SYSTEM
         455/422.1
455/436
                         .Zoned or cellular telephone system
                         ..Handoff
                         ...Handoff initiated by another source (e.g., target, user initiated, mobile switching center (MSC), or mobile telephone switching office (MTSO), etc.)
         455/439
                   (0 OR, 3 XR)
55 : TELECOMMUNICATIONS
3
  455/440
                  455 :
         Class
         455/403
                         RADIOTELEPHONE SYSTEM
         455/422.1
                         .Zoned or cellular telephone system
         455/436
                         ..Handoff
         455/440
                         ...Based upon unit location
                   (1 OR, 2 XR)
55 : TELECOMMUNICATIONS
   455/450
                  455 :
         class
         455/403
                         RADIOTELEPHONE SYSTEM
         455/422.1
                         .Zoned or cellular telephone system
         455/450
                         ...Channel allocation
                  (0 OR, 3 XR)
455 : TELECOMMUNICATIONS
3
   455/524
         Class
         455/39
                         TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
         455/500
                          .Plural transmitters or receivers (i.e., more
                                than two stations)
                          ...Central_station_(e.g., master, etc.)
         455/507
         455/517
                          ... To or from mobile station
         455/524
                          ....Multiple base stations
  370/331
                    (1 \text{ OR}, 1 \text{ XR})
                  370 :
         Class
                         MULTIPLEX COMMUNICATIONS
         370/310
                         COMMUNICATION OVER FREE SPACE
         370/328
                         .Having a plurality of contiguous regions
                               served by respective fixed stations
         370/329
                          ... Channel assignment
         370/331
                          ...Hand-off control
                   (0 OR, 2 XR)
70 : MULTIPLEX COMMUNICATIONS
   370/395.2
                  370:
         Class
         370/351
                         PATHFINDING OR ROUTING
         370/389
                          .Switching a message which includes an address
                               header
         370/395.1
                          ..Message transmitted using fixed length
                         packets (e.g., ATM cells)
...Connection set-up/disconnect (e.g.,
         370/395.2
                             Connection Admission Control)
   370/417
                    (2 OR, 0 XR)
                  370 :
                          MULTIPLEX COMMUNICATIONS
         Class
         370/351
                         PATHFINDING OR ROUTING
         370/389
                          .Switching a message which includes an address
                               header
         370/412
                         ...Queuing arrangement ....Having output queuing only
         370/417
   370/429
                    (0 OR, 2 XR)
         Class
                  370: MULTIPLEX COMMUNICATIONS
         370/351
                         PATHFINDING OR ROUTING
         370/428
                         .Store and forward
                         ..Particular storing and queuing arrangement
         370/429
```

10787149_CLSTITLES.txt

```
2
  370/432
                    (0 OR, 2 XR)
         Class
                   370 : MULTIPLEX COMMUNICATIONS
         370/431
                         CHANNEL ASSIGNMENT TECHNIQUES
         370/432
                          .Messages addressed to multiple destinations
                    (0 \text{ OR}, 2 \text{ XR})
                   370 : MULTIPLEX COMMUNICATIONS
         Class
         370/473
                          .. Transmission of a single message having
                              multiple packets
         370/477
                          .Transmission bandwidth conservation
2
   398/115
                    (0 \text{ OR}, 2 \text{ XR})
         Class
                   398 : OPTICAL COMMUNICATIONS
                         HYBRID COMMUNICATION SYSTEM (E.G., OPTICAL AND
                             RF)
   455/101
                    (0 \text{ or, } 2 \text{ xr})
                   455:
         Class
                          TELECOMMUNICATIONS
         455/91
                         TRANSMITTER
         455/101
                          .Diversity
                   (0 OR, 2 XR)
455 : TELECOMMUNICATIONS
   455/132
         Class
         455/130
                         RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
                              CONVERTER
         455/132
                          .Plural receivers
  455/423
                    (0 OR, 2 XR)
                  455 : TELECOMMUNICATIONS
         Class
                         RADIOTELEPHONE SYSTEM
         455/403
         455/422.1
                         .Zoned or cellular telephone system
                          ..Diagnostic testing, malfunction indication, or electrical condition measurement
         455/423
2
   455/424
                    (1 \text{ OR}, 1 \text{ XR})
                  455 : TELECOMMUNICATIONS
         Class
         455/403
455/422.1
                         RADIOTELEPHONE SYSTEM
                          .Zoned or cellular telephone system
         455/423
                         ..Diagnostic testing, malfunction indication, or electrical condition measurement
         455/424
                          ...System equipment
2 455/433
                   (1 OR, 1 XR)
                  455: TELECOMMUNICATIONS
         Class
         455/403
455/422.1
                         RADIOTELEPHONE SYSTEM
                         .Zoned or cellular telephone system
         455/432.1
                          ..Roaming
         455/433
                          ...Home location registration (HLR) or visitor
                             location registration (VLR) detail
  455/436
                    (1 OR, 1 XR)
55 : TELECOMMUNICATIONS
                  455 :
         Class
         455/403
455/422.1
                         RADIOTELEPHONE SYSTEM
                         .Zoned or cellular telephone system ..Handoff
         455/436
                 (2 OR, 0 XR)
455 : TELECOMMUNICATIONS
  455/438
         Class
         455/403
                         RADIOTELEPHONE SYSTEM
         455/422.1
455/436
                         .Zoned or cellular telephone system ..Handoff
         455/438
                         ...Serving site initiated
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10787149_CLSTITLES.txt

```
455/449
                  (1 \text{ OR}, 1 \text{ XR})
                455 : TELECOMMUNICATIONS
       Class
       455/403
                       RADIOTELEPHONE SYSTEM
       455/422.1
                        .Zoned or cellular telephone system
       455/446
455/449
                        ..Including cell planning or layout ...Hierarchical cell structure
                (1 OR, 1 XR)
455 : TELECOMMUNICATIONS
 455/456.5
       Class
       455/403
                        RADIOTELEPHONE SYSTEM
       455/422.1
                        .Zoned or cellular telephone system
       455/456.1
                        ..Location monitoring
       455/456.5
                        ... At system equipment (i.e., base station)
                (1 OR, 1 XR)
455 : TELECOMMUNICATIONS
455/507
       Class
       455/39
                        TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
       455/500
                        .Plural transmitters or receivers (i.e., more
                            than two stations)
       455/507
                        .. Central station (e.g., master, etc.)
                (0 OR, 2 XR)
455 : TELECOMMUNICATIONS
455/509
       Class
       455/39
                       TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
       455/500
                        .Plural transmitters or receivers (i.e., more
                              than two stations)
       455/507
                        .. Central station (e.g., master, etc.)
       455/509
                        ...Channel allocation
                 (0 OR, 2 XR)
55 : TELECOMMUNICATIONS
455/511
       Class
       455/39
                       TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
       455/500
                        .Plural transmitters or receivers (i.e., more
                               than two stations)
                        ...Central station (e.g., master, etc.)
...Channel allocation
....Control channel/voice channel conversion
       455/507
       455/509
455/511
455/522
                  (0 OR, 2 XR)
                455 : TELECOMMUNICATIONS
       Class
       455/39
                       TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
       455/500
                        .Plural transmitters or receivers (i.e., more
                       than two stations)
..Central station (e.g., master, etc.)
...To or from mobile station
       455/507
       455/517
       455/522
                        ....Transmission power control technique
                (2 OR, 0 XR)
455 : TELECOMMUNICATIONS
455/561
       Class
                       TRANSMITTER AND RECEIVER AT SAME STATION (E.G..
                             TRANSCEIVER)
       455/550.1
                        .Radiotelephone equipment detail
       455/561
                        ..Base station detail
711/170
                 (1 \text{ OR}, 1 \text{ XR})
      Class
                711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                          SYSTEMS: MEMORY
       711/100
                       STORAGE ACCESSING AND CONTROL
```

10787149_CLSTITLES.txt
.Memory configuring 711/170

2 711/212 Class

(2 OR, 0 XR)
711: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY
ADDRESS FORMATION
.Varying address bit-length or size 711/200 711/212

10787149_CLS.txt Most Frequently Occurring Classifications of Patents Returned From A Search of 10787149 on January 27, 2006

```
Original Classifications
4 370/328
3 370/230
3 455/444
3 455/562.1
2 370/417
     3
2
2
2
           455/422.1
           455/438
           455/446
455/561
711/212
     2
2
Cross-Reference Classifications
           455/437
370/468
           455/439
455/440
455/443
455/446
455/524
370/395.2
     3
     3
    32222222222222
           370/429
           370/432
            370/477
           398/115
455/101
455/132
455/423
455/444
           455/450
           455/509
           455/511
455/522
           455/562.1
Combined Classifications
           370/328
455/444
455/446
           455/562.1
          455/437
455/443
370/230
370/468
455/422.1
455/439
455/440
     4
     4
    3
    333222222222
          455/440
455/450
455/524
370/331
370/395.2
370/417
370/429
           370/432
           370/477
           398/115
           455/101
455/132
455/423
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10787149_CLS.txt

2	455/424
2	455/433
2	455/436
2	455/438
2	455/449
2	455/456.5
2	455/507
2	455/509
2	455/511
2	455/522
2	455/561
2	711/170
2	711/212
_	/ 11/ 212